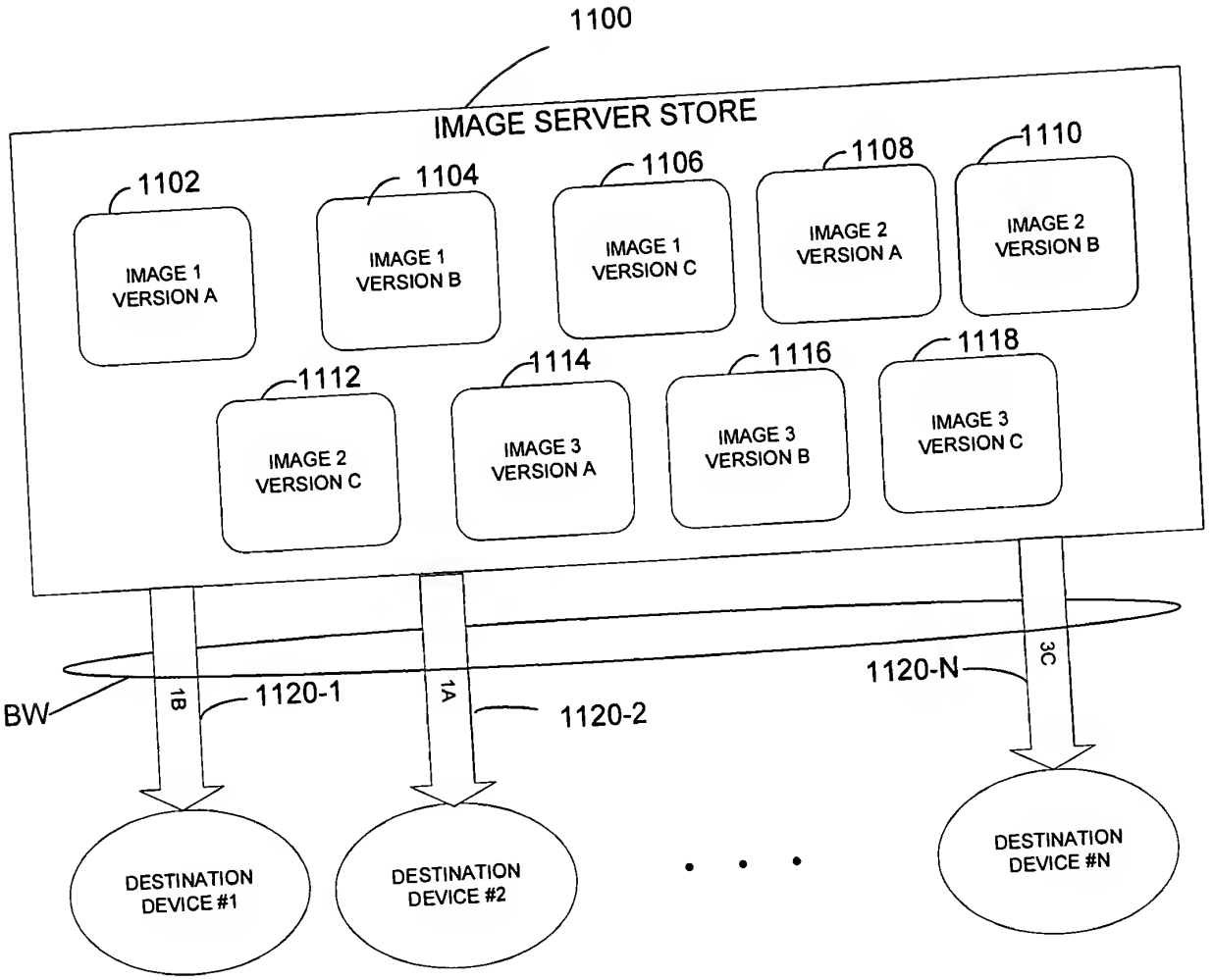


FIG. 1
PRIOR ART

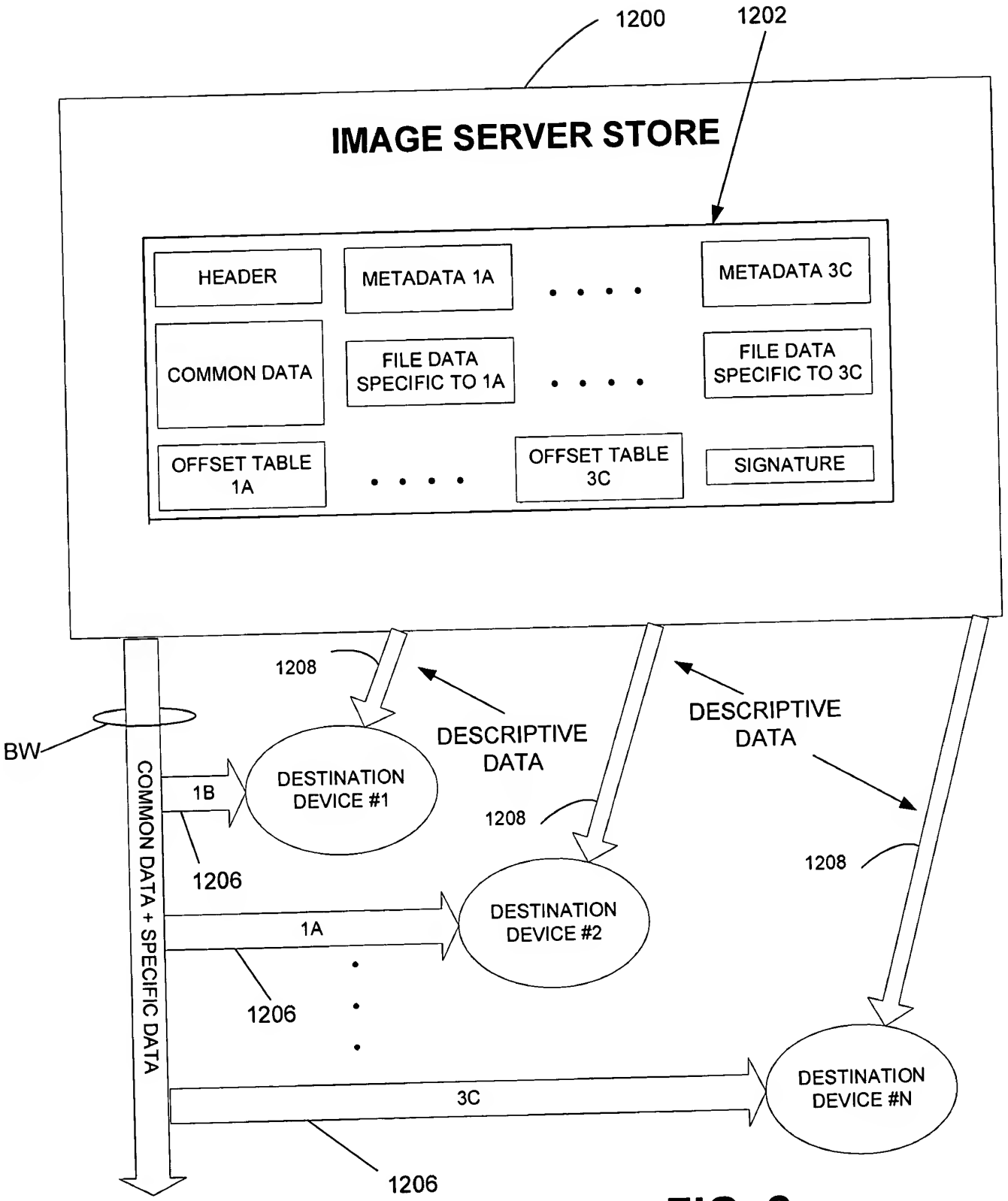

1200
1202
IMAGE SERVER STORE
HEADER
METADATA 1A
METADATA 3C
COMMON DATA
FILE DATA SPECIFIC TO 1A
FILE DATA SPECIFIC TO 3C
OFFSET TABLE 1A
OFFSET TABLE 3C
SIGNATURE
1208
DESCRIPTIVE DATA
DESCRIPTIVE DATA
BW
COMMON DATA + SPECIFIC DATA
1B
DESTINATION DEVICE #1
1206
1208
1208
1A
DESTINATION DEVICE #2
1206
3C
DESTINATION DEVICE #N
1206

FIG. 2

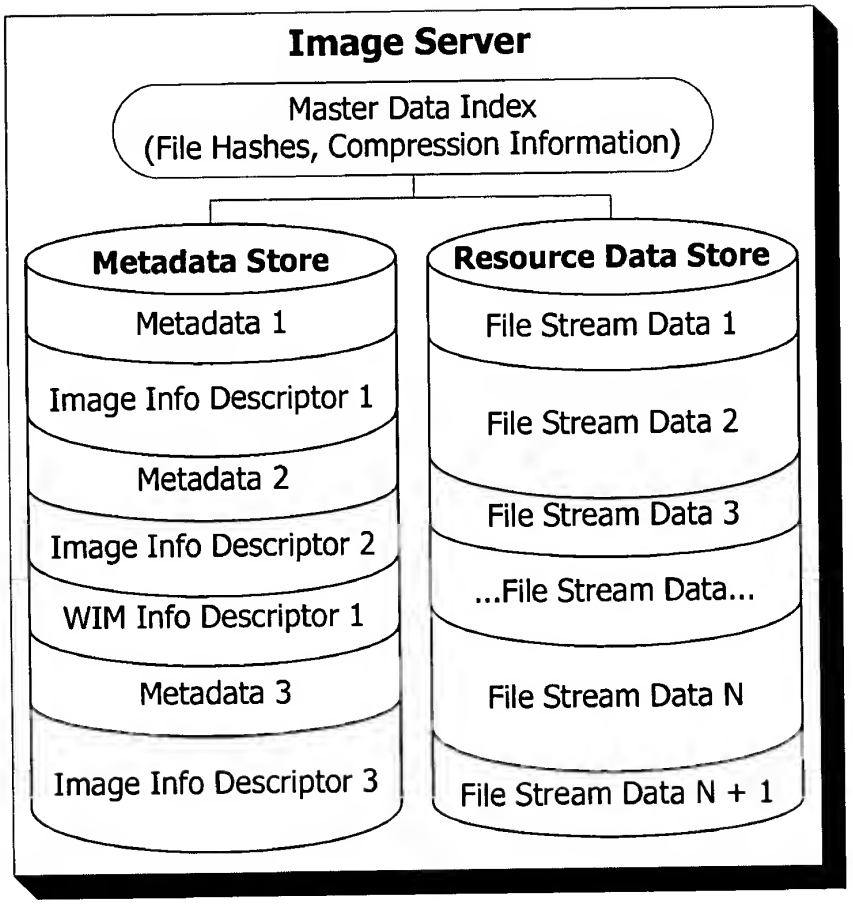


Image Server
Master Data Index
(File Hashes, Compression Information)
Metadata Store
Metadata 1
Image Info Descriptor 1
Metadata 2
Image Info Descriptor 2
WIM Info Descriptor 1
Metadata 3
Image Info Descriptor 3
Resource Data Store
File Stream Data 1
File Stream Data 2
File Stream Data 3
...File Stream Data...
File Stream Data N
File Stream Data N + 1

FIG. 3

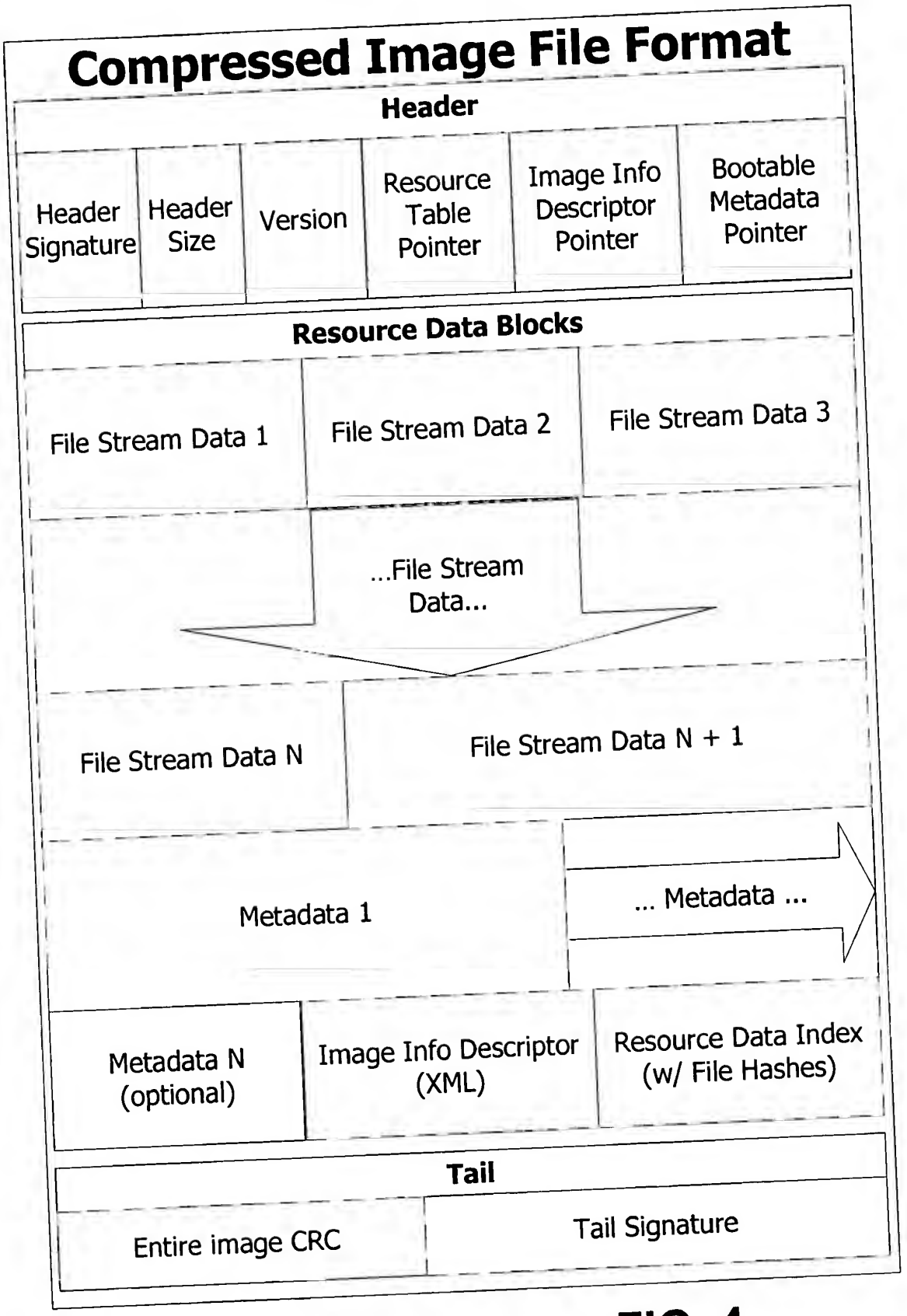

Compressed Image File Format
Header
Header Signature
Header Size
Version
Resource Table Pointer
Image Info Descriptor Pointer
Bootable Metadata Pointer
Resource Data Blocks
File Stream Data 1
File Stream Data 2
File Stream Data 3
...File Stream Data...
File Stream Data N
File Stream Data N + 1
Metadata 1
... Metadata ...
Metadata N (optional)
Image Info Descriptor (XML)
Resource Data Index (w/ File Hashes)
Tail
Entire image CRC
Tail Signature

FIG. 4

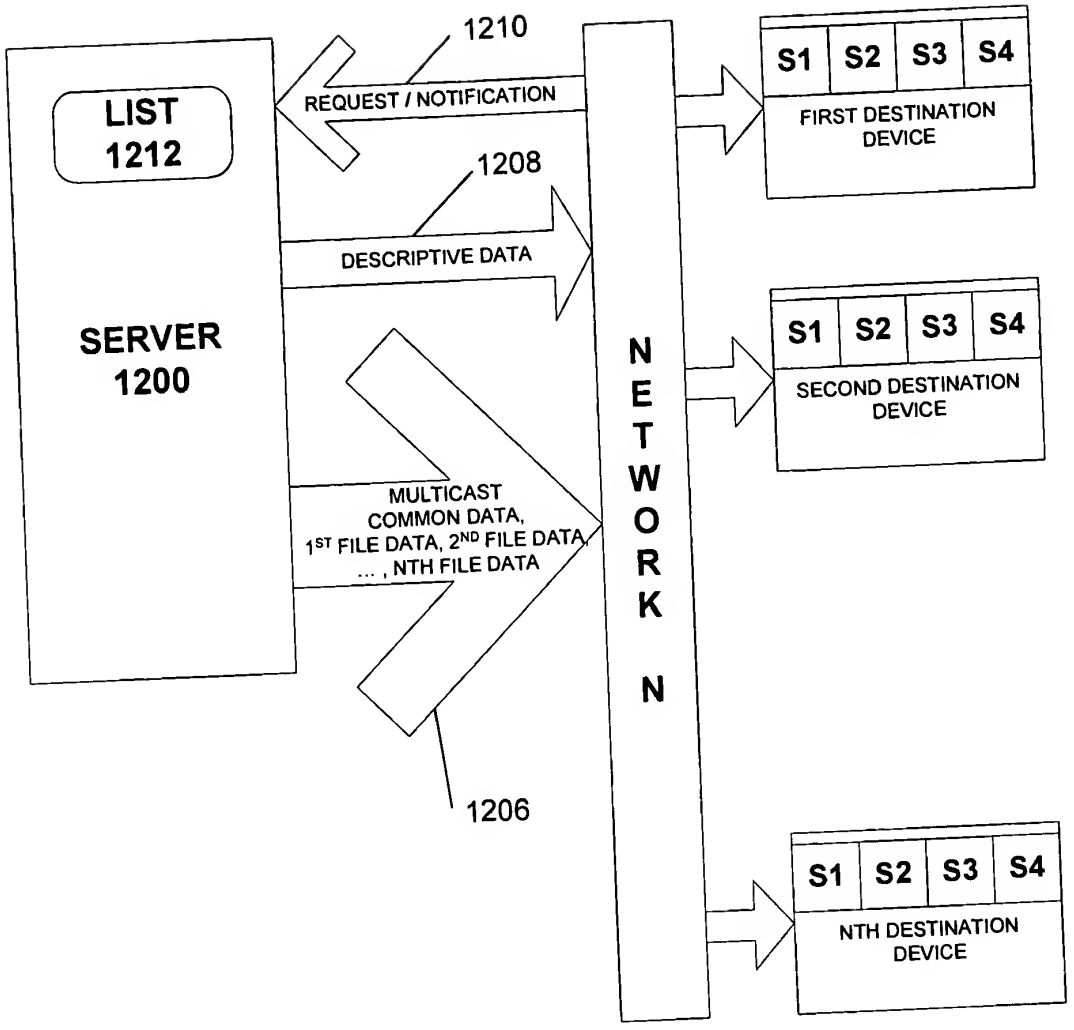
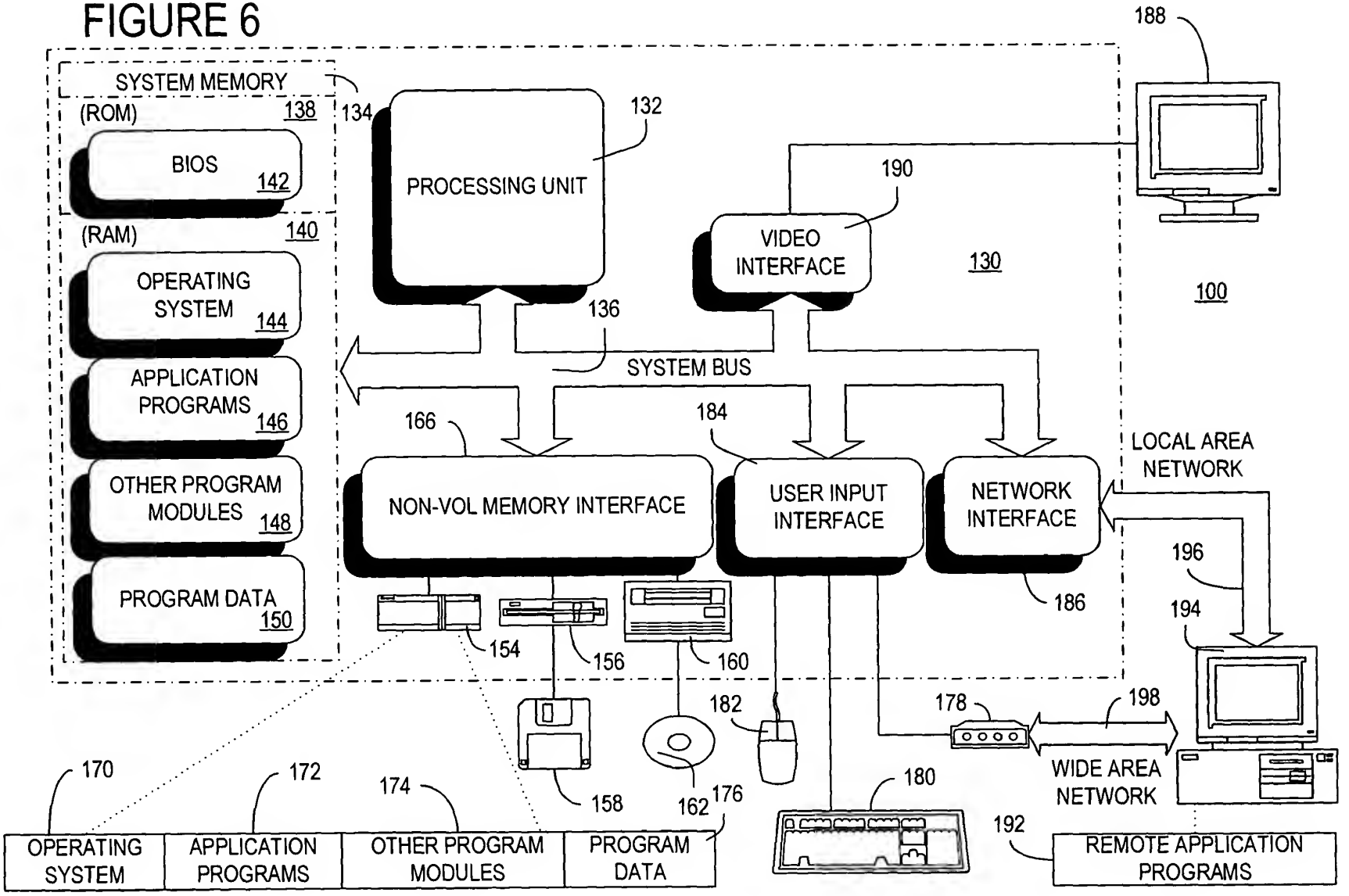

1210
REQUEST / NOTIFICATION
LIST
1212
1208
DESCRIPTIVE DATA
SERVER
1200
MULTICAST
COMMON DATA,
1ST FILE DATA, 2ND FILE DATA,
... , NTH FILE DATA
1206
NETWORK N
S1
S2
S3
S4
FIRST DESTINATION DEVICE
S1
S2
S3
S4
SECOND DESTINATION DEVICE
S1
S2
S3
S4
NTH DESTINATION DEVICE

FIG. 5

FIGURE 6


SYSTEM MEMORY
(ROM) 138
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USER INPUT INTERFACE
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APPLICATION PROGRAMS
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